## Water Resources Engineering Report

Division

CAM			
Assigned To	Project Name	CIP Number	Complet
ENG	Tennyson Court Outfall - P4174		
HKM	Airport Utility Relocation (Water & Sewer)		
HKM	Bledsoe Pump Station Design	13	
HKM	Burnt Poplar(W&S)		
HKM	Cardinal Sanitary Sewer Transfer Project	5	
HKM	Church Street TBI Project		
HKM	Creek Ridge Road TBI Project		
HKM	Franklin Blvd. TBI Project		
HKM	Gallimore Dairy Road L.S. Replacement	9	
HKM	Hilltop Road Sewer Extension		
HKM	Lake Jeanette Road TBI Project		
HKM	Longbranch LS Replacement	6	
HKM	NCDOT (B-3174 / 3272)		
HKM	NCDOT (I-2201 E)		
HKM	NCDOT (I-2402 A)		
HKM	NCDOT (I-2402 AC)		
HKM	NCDOT (I-2402 B)		
HKM	NCDOT (I-2402 C)		
HKM	NCDOT (I-2402 D)		
HKM	NCDOT (U-2524 AB)		
HKM	NCDOT (U-2524 AC)		
НКМ	NCDOT (U-2524 BA)		
НКМ	NCDOT (U-2524 BB)		
НКМ	NCDOT (U-2815C) Bryan Blvd. Relocation Outfall Pro	95	
НКМ	NCDOT (U-2913 A)		
НКМ	NCDOT (W-4401)		
HKM	Peach Orchard L.S. Replacement	10	

HKM Sewer System Expansion @ Various Locations 8  HKM South Buffalo Outfall 4  KEE Brightwood Lift Station Replacement/Relocation 11  KEE Burlington Water Connection 96  KEE North Buffalo Sanitary Sewer Improvements 15  KEE Randleman Dam Feeder Main Construction 35.2  KEE Starmount Water Line Rehabilitation  MCM McKnight Mill Road Lift Force Main 102  MCM McKnight Mill Road Lift Station 102  RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Reedy Fork L.S. Replacement	14	
KEE Burlington Water Connection 96  KEE North Buffalo Sanitary Sewer Improvements 15  KEE Randleman Dam Feeder Main Construction 35.2  KEE Starmount Water Line Rehabilitation 102  MCM McKnight Mill Road Lift Force Main 102  MCM McKnight Mill Road Lift Station 102  RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Sewer System Expansion @ Various Locations	8	
KEE       Burlington Water Connection       96         KEE       North Buffalo Sanitary Sewer Improvements       15         KEE       Randleman Dam Feeder Main Construction       35.2         KEE       Starmount Water Line Rehabilitation         MCM       McKnight Mill Road Lift Force Main       102         MCM       McKnight Mill Road Lift Station       102         RHB       New TV Truck       8         RHB       Sanitary Sewer Rehabilitation (Project "E")       66         RHB       Sanitary Sewer Rehabilitation (Project "F")       66         RHB       Sanitary Sewer Rehabilitation (Project "G")       66         RMN       Friendly Road Bond Project         RMN       NCDOT (Bridge Projects)         RMN       Substandard Water "A"         RMN       Substandard Waterline Replacements       39	South Buffalo Outfall	4	
KEE North Buffalo Sanitary Sewer Improvements 15  KEE Randleman Dam Feeder Main Construction 35.2  KEE Starmount Water Line Rehabilitation  MCM McKnight Mill Road Lift Force Main 102  MCM McKnight Mill Road Lift Station 102  RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Brightwood Lift Station Replacement/Relocation	11	
KEE Randleman Dam Feeder Main Construction 35.2  KEE Starmount Water Line Rehabilitation  MCM McKnight Mill Road Lift Force Main 102  MCM McKnight Mill Road Lift Station 102  RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Burlington Water Connection	96	
KEE Starmount Water Line Rehabilitation  MCM McKnight Mill Road Lift Force Main 102  MCM McKnight Mill Road Lift Station 102  RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	North Buffalo Sanitary Sewer Improvements	15	
MCM McKnight Mill Road Lift Force Main 102  MCM McKnight Mill Road Lift Station 102  RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Randleman Dam Feeder Main Construction	35.2	
MCM McKnight Mill Road Lift Station 102  RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Starmount Water Line Rehabilitation		
RHB New TV Truck  RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	McKnight Mill Road Lift Force Main	102	
RHB Sanitary Sewer Rehabilitation (Project "E") 66  RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	McKnight Mill Road Lift Station	102	
RHB Sanitary Sewer Rehabilitation (Project "F") 66  RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	New TV Truck		
RHB Sanitary Sewer Rehabilitation (Project "G") 66  RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Sanitary Sewer Rehabilitation (Project "E")	66	
RMN Friendly Road Bond Project  RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Sanitary Sewer Rehabilitation (Project "F")	66	
RMN NCDOT (Bridge Projects)  RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Sanitary Sewer Rehabilitation (Project "G")	66	
RMN Substandard Water "A"  RMN Substandard Waterline Replacements 39	Friendly Road Bond Project		
RMN Substandard Waterline Replacements 39	NCDOT (Bridge Projects)		
<u> </u>	Substandard Water "A"		
	Substandard Waterline Replacements	39	
RMN Water System Expansion @ Various Locations 41	Water System Expansion @ Various Locations	41	

**Division** ENG

Assigned To	Project Name	CIP Number	Complete
AEW	Bond Issuance - 510	93	
САН	Infrastructure Information Security Policy		
GGS	Rising Star Preparation		
JWR	Access to SQL Conversion Project		
JWR	Water Supply SCADA Project Coordination	52	
JWR	Wharton Computer Consulting		
JWR	WROC 2-11 - WR Operations Center	1.1	
JWR	WROC 2-11 Furniture Procurement		
KEE	Northeast High School Sewer Pump Station		
KEE	Sewer Rehabilitation Program		
MCM	2003/2004 Dewater of TWTP Lagoon		

	MCM	Knox Tank Construction	33.1	
	MCM	Mapping Process - Phase III	98	
	MCM	Mapping Project - Phase II Change Order 1	98	
	RHB	Muddy Branch Basin 17 (Project "H")	101	
	RHB	Muddy Branch Outfalls SSES	7	
Division	GCTY			
	Assigned To	Project Name	CIP Number	Complete
	KEE	Alamance Road Water Improvements		
	KEE	Bishop Road Sanitary Sewer		
	KEE	Bowman Avenue Water Improvements		
	KEE	Brannock Subdivision - Guilford County CIP		
	KEE	Dorchester Road Water Improvements		
	KEE	Forbes Street Water Improvements		
	KEE	Forest Oaks - Section 18		
	KEE	Forest Oaks Estates		
	KEE	Kingsbury Estates - Guilford County CIP		
	KEE	Lakehaven Sub Lennie Drive		
	KEE	Lynwood Lakes Subdivision		
	KEE	Mecklenburg Road Water Improvements		
	KEE	Suttonwood Drive Water Improvements		
	KEE	Twilla Acres		
	KEE	Waldenbrook Court Water Line		
	KEE	Wayne Road Water Improvements		
	KEE	White Pine Road Water Improvements		
Division	WRO			
	Assigned To	Project Name	CIP Number	Complete
	MCM	Fuel Containment Project - NBO 2004-007 P04250	97	
	White	NB Total Nitrogen Upgrade to meet HB 515	22	
	White	New Fluid-Bed Incinerator	17	
	White	North Buffalo Flow Equalization Transfer Booster Statio	28	
	White	Odor Control at North Buffalo WWTP (Covers)	87	
	White	Odor Control at TZ Osborne WWTP	16	

White	Sludge Bulk Handling Improvements	24.2	
White	TZO Laboratory Addition	23	
White	TZO Total Nitrogen Upgrade to meet HB515	21	

## **Division** WSO

<b>Assigned To</b>	Project Name	<b>CIP Number</b>	Complete
НКМ	Haw River Project (Line & PS Rehabilitation)	100	
JDB	Aeration of Lake Townsend & Lake Brandt	99	
JDB	Centralized Laboratory and Maint. Bldg Upgrade and Ex	45	
JDB	Evaluation and Improvements in Flow Routing for Mitch	46	
JDB	Lake Brandt Dam Repairs	59	
JDB	LTWTP HVAC and Building Improvements	55	
JDB	LTWTP Power Monitoring	43	
JDB	LTWTP Upgrade for Major Elec., Pump Upgrade	44	
JDB	Mitchell & Townsend Chloramines Conversion & Dist	42	
JDB	Mitchell Filter Plant - Filter Rehabilitation		
JDB	MWP Decanter Renovations	56	
JDB	SCADA Improvements	52	
JDB	Water Plant Security Plans	89	
JDB	Water Purification Process Improvements-MWTP and T	47	
KEE	Lake Townsend Dam Repairs	48	
MCM	Aycock Street Water Tank Replacement	37	
MCM	Exterior Paint & Repair / Muirs Chapel High	31	
MCM	Fuel Containment Project - TWTP and LBPS	54	
MCM	Int. & Ext. Painting & Repair / Gorrell St. Tank	34	
MCM	Lees Chapel Tank Rehabilitation - Interior and valves	103	
MCM	Sludge Handling Plan for TWTP	51	
RMN	Permanent Chlorination Station (Liberty Road)		
RMN	Permanent Chlorination Station (Reidsville)		